

# Claims

- [c1] 1.A method for program debugging, the method comprising:
- (a)setting a plurality of breakpoints corresponding to a plurality of events in an implementation under test;
  - (b)executing the implementation under test for outputting a diagnosis code of a breakpoint;
  - (c)resetting a parameter of the event corresponding to the diagnosis code; and
  - (d)executing the event according to the reset parameter for making the event undergo an error handler.
- [c2] 2. The method of claim 1 further comprising:  
after step (d), repeating steps (b) to (d) for making the implementation under test make all events undergo the error handler.
- [c3] 3.The method of claim 1 wherein the breakpoints are set ahead of program codes of the corresponding events.
- [c4] 4.The method of claim 1 wherein the breakpoints are set after program codes of the corresponding events.
- [c5] 5.The method of claim 1 wherein each event corresponds to a computer program code of a peripheral de-

vice.

- [c6] 6.The method of claim 1 wherein the error handler is an audible tone.
- [c7] 7.The method of claim 1 wherein the error handler is a system reset.
- [c8] 8.The method of claim 1 wherein the error handler is a system execution interrupt.
- [c9] 9. A recording medium, the medium comprising a plurality of computer program codes capable of being loaded by a computer for executing the method of claim 1.